



NISTHA PATEL

Bharuch, Gujarat , India |  <https://github.com/pnistha11>

 9313950715 |  nisthapatel1107@gmail.com |  <https://www.linkedin.com/in/nisthapatel1107>

SUMMARY

Aspiring Data Analyst with a Master of Computer Applications (MCA) and hands-on experience in Python-based data analysis, SQL querying, and Tableau dashboard development. Proven ability to transform raw datasets into actionable business insights through end-to-end projects. Passionate about leveraging data cleaning, predictive modeling, and visualization techniques to support data-driven decision-making.

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy), Exploratory Data Analysis (EDA), Data Cleaning

Data Analysis: Pandas, NumPy, Exploratory Data Analysis (EDA), Data Cleaning

Databases: SQL, MySQL (Querying, Joins, Database Management)

Visualization: Tableau, Power BI, Matplotlib, Seaborn

Machine Learning & Experimentation: Supervised ML (Linear Regression, Logistic Regression, Decision Tree, Random Forest), Train/Test Split, Model Evaluation (Accuracy, Precision, Recall, F1-Score)

Tools: Git, GitHub, Microsoft Excel, VS Code

EXPERIENCE

UNIFIED MENTOR, Data Analysis Intern

Oct 2025 – Jan 2026(Completed) | Remote

- Performed comprehensive data cleaning and Exploratory Data Analysis (EDA) on large-scale e-commerce and social media datasets to improve data quality for modeling.
- Identified key market trends and anomalies by analysing complex datasets, providing actionable insights for business strategy optimization.
- Built and evaluated analytical models using Python to support prediction tasks, achieving measurable improvements in forecast accuracy.
- Designed and presented interactive visualizations and summary reports to stakeholders, effectively communicating data-driven findings for decision-making.

PROJECTS

Instagram Fake Spammer genuine accounts

- Tech Stack:** Python, Machine Learning (Scikit-Learn), Pandas
- Developed a classification model to detect fake Instagram accounts by analysing profile metadata and activity patterns.
- Implemented rigorous feature engineering and EDA to distinguish between genuine and fake users with high classification accuracy.

Laptop Price Analysis

- Tech Stack:** Python, Matplotlib, Seaborn
- Conducted an in-depth analysis of hardware specifications to determine their impact on laptop pricing.
- Applied machine learning algorithms to predict laptop prices based on features such as RAM, storage, and processor type.

RetailInsights360 (End-to-End Retail Analytics Project)

- Tech Stack:** Python, SQL, Tableau, Pandas
- Built a comprehensive retail analytics solution involving data cleaning, KPI development, and statistical modeling.
- Designed a star-schema data warehouse to perform advanced customer analytics, including Customer Lifetime Value (CLTV) and Churn prediction.
- Developed interactive Tableau dashboards to visualize sales trends and performance metrics, enabling real-time tracking of business health.

EDUCATION

PP Savani University	Sep 2024 – June 2026
Master of Computer Applications (MCA)	Surat India
Veer Narmad South Gujarat University	Jul 2021 – Feb 2024
Bachelor of Computer Applications (BCA)	Surat India

ACHIEVEMENTS & CERTIFICATIONS

- Google Data Analytics Professional Certificate – Google
- Google Advanced Data Analytics Certificate – Google
- Data Analysis and Visualization with Python – Microsoft
- Data Analysis Using Python – IBM
- Data Analytics Virtual Job Simulation – Deloitte
- Power BI for Beginners – Microsoft